

## Research

CIRCL is involved in several multi-disciplinary studies including:

- Improving the Diagnosis and Prognosis of Inflicted Head Trauma in Infants  
Patrick Kochanek, MD
- The Impact of Neuroendocrine Hormones on Pathophysiology and Outcomes after Traumatic Brain Injury  
Amy Wagner, MD
- Managing Return-to-Play Decisions Following Mild Traumatic Brain Injury  
Mark Stevenson, MD
- Impact of Motor-Vehicle Crashes on Birth Outcomes and Infant Survival  
Harold B. Weiss, MPH PhD
- Why Some Generations are More Violent Than Others  
Anthony Fabio, MPH PhD

## Education and Training

CIRCL is a co-sponsor of ThinkFirst for Kids. ThinkFirst is a comprehensive curriculum designed to educate children about the prevention of brain, spinal cord and other traumatic injuries. This all inclusive program is designed for use in grades 1-3.

Our faculty teaches both undergraduate and graduate courses in injury prevention and epidemiology at the University of Pittsburgh and the University's Graduate School of Public Health.

In cooperation with the Division of Trauma, CIRCL is working to help train clinicians and public health professionals in Colombia, South America as part of an NIH sponsored Fogarty Grant.



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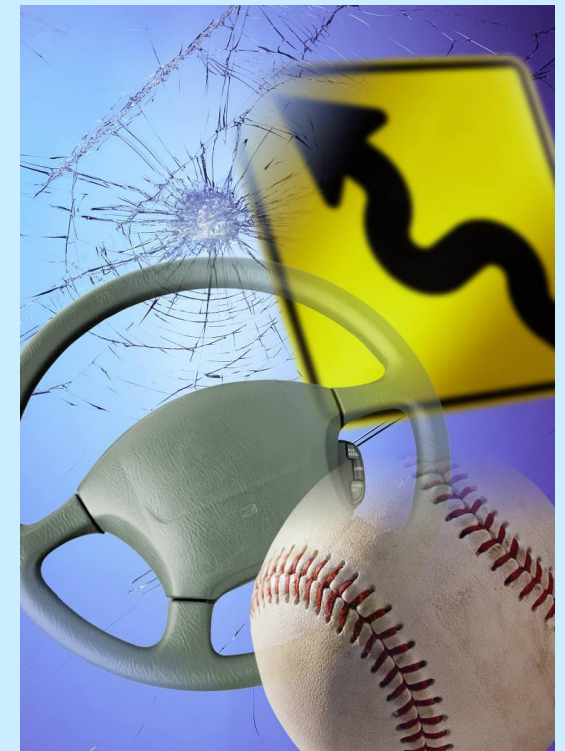


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Grant #CCR323155

# CIRCL

## Center for Injury Research and Control

The University of Pittsburgh  
Department of Neurological Surgery



**Injury and Violence is the number one killer of people aged 1 to 44.**

**CIRCL is trying to help.**

[www.circl.pitt.edu](http://www.circl.pitt.edu)

## Injuries Can Be Prevented

The Centers for Disease Control and Prevention (CDC) reports that “[every] day, thousands of people are injured because of unintentional injuries and violence. While once believed that these incidents were a result of chance or misfortune and ‘accidents,’ science has proven otherwise. Injuries can be prevented. Injury prevention can save lives, eliminate the pain and suffering caused by injuries, and can significantly lower our country’s medical expenses.”

## CIRCL Overview

The Center for Injury Research and Control (CIRCL) is an interdisciplinary academic research center involving many schools and departments at the University of Pittsburgh. The Center conducts and promotes injury control research, gathers and disseminates information on injuries, provides training for health professionals, and informs public and community leaders on injury control issues.

CIRCL was first established in July 1992. In September 1995 CIRCL became one of 12 Centers in the United States to receive official designation as an Injury Control Research Center by the CDC.

## CIRCL’s Mission

CIRCL’s mission is to reduce the occurrence, severity and consequences of injury and violence through the development and conduct of cross-disciplinary research and training and educational activities.

## For More Information

Please visit our website at: [www.circl.pitt.edu](http://www.circl.pitt.edu)  
Email [circl@pitt.edu](mailto:circl@pitt.edu) or call us at 412-802-6500

## The Burden of Injury

In the United States:

- Unintentional injuries kill more people between the ages of 1 and 44 than any other cause of death.
- There was an estimated 50 million injuries that required medical treatment in 2000.
- The annual lifetime cost of injuries is about \$406 billion in medical expenses and productivity losses.
- Trauma related conditions are the leading category of medical expenses, more than heart conditions and cancer (in 2003).

Motor Vehicle Crashes (MVC)

- MVC are the number one cause of death in people aged 1-44, maternal death during pregnancy, hospitalized trauma during pregnancy, and injury death for people under the age of 65.
- In 2004, 16,694 people died in alcohol-related MVC, representing 39% of all traffic-related deaths.
- Teens aged 16-19 are more likely to be in a MVC than any other age group.

Youth Violence (aged 10-24)

- In 2003, 5,570 youths were murdered.
  - Averaging 15 murders each day
  - 82% were committed with firearms
- In 2004, more than 750,000 youths were treated in emergency departments for violence-related injuries.
- Homicide is the leading cause of death for African American youths and the second for Hispanic youths.

Falls and Fires

- Falls are the leading cause of injury deaths and hospital admissions among people aged 65 years and older.
- Fires kill thousands of people and injure about 15,000 people each year.

References: [www.cdc.gov/injury](http://www.cdc.gov/injury) and [www.meps.ahrq.gov](http://www.meps.ahrq.gov)

## Webinars

CIRCL hosts both classroom and web-based seminars (Webinars). Webinars give CIRCL the ability to bring top researchers from across the United States and around the world to you. Many Webinars are recorded and accessible on our website at:  
[www.circl.pitt.edu/home/past\\_seminars.htm](http://www.circl.pitt.edu/home/past_seminars.htm)

## Small Grants

Each year CIRCL offers funding to students and junior faculty through the small grants program. The goal of the program is to foster collaborative, interdisciplinary research in injury prevention. For more information visit:  
[www.circl.pitt.edu/home/smallgrants.htm](http://www.circl.pitt.edu/home/smallgrants.htm)

## Collaborating Schools and Departments

- School of Medicine
- Department of Physical Medicine and Rehabilitation
- Department of Surgery
- Graduate School of Public Health
- Department of Sports Medicine
- School of Health and Rehabilitation Sciences
- Department of Sports Medicine

